STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES AMENDED REPOR  DIVISION OF OIL, GAS AND MINING											
APPLI	CATION FOR I	PERMIT TO DRILL				1. WELL NAME and NUMBER Ute Tribal 9-2-4-1E					
2. TYPE OF WORK  DRILL NEW WELL	REENTER P&A	A WELL DEEPE	N WELL	3. FIELD OR WILDCAT WILDCAT							
4. TYPE OF WELL Oil We				5. UNIT or COMMUI	NITIZATION AGRE	EMENT NAME					
6. NAME OF OPERATOR				7. OPERATOR PHON	<b>VE</b> 435 646-4825						
8. ADDRESS OF OPERATOR	t 3 Box 3630 , My	rton, UT, 84052				9. OPERATOR E-MA	IL rozier@newfield.com	l			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)	RSHIP		_	12. SURFACE OWNI							
20G0005609	= !foo!)	FEDERAL ( IND	IAN 📵 STATE	FEE(	J		DIAN STATE (	FEE (III)			
13. NAME OF SURFACE OWNER (if box 12	Deep Creek In	vestments				14. SURFACE OWNI					
15. ADDRESS OF SURFACE OWNER (if box	2400 Sunnysi	de Ave, ,				16. SURFACE OWNI	ER E-MAIL (if box 1	l2 = 'fee')			
17. INDIAN ALLOTTEE OR TRIBE NAME		18. INTEND TO COM MULTIPLE FORMATI		TION FROM	ı	19. SLANT					
(if box 12 = 'INDIAN')		YES (Submit Co	ommingling Applica	tion) NO 🧵	0	VERTICAL 📵 DIR	ECTIONAL 📄 H	ORIZONTAL 🛑			
20. LOCATION OF WELL	FOC	OTAGES	QTR-QTR	SECTI	ON	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	1979 FS	SL 662 FEL	NESE	2		4.0 S	1.0 E	U			
Top of Uppermost Producing Zone	op of Uppermost Producing Zone 1979 FS		NESE	2		4.0 S	1.0 E	U			
At Total Depth	Total Depth 1979 FSL 662 FEL			2		4.0 S	1.0 E	U			
21. COUNTY UINTAH		22. DISTANCE TO N	EAREST LEASE LI	EASE LINE (Feet) 23. NUMBER OF ACRES IN DRILLING UNIT 40							
		25. DISTANCE TO NI (Applied For Drilling		SAME POOL		<b>26. PROPOSED DEPTH</b> MD: 7835 TVD: 7835					
27. ELEVATION - GROUND LEVEL		28. BOND NUMBER				29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478					
5179			RLB0010462	30010462 437478							
		A1	TACHMENTS								
VERIFY THE FOLLOWING	ARE ATTACHE	ED IN ACCORDAN	CE WITH THE U	TAH OIL	AND (	GAS CONSERVATI	ON GENERAL RU	JLES			
WELL PLAT OR MAP PREPARED BY	LICENSED SURV	/EYOR OR ENGINEER	coi	COMPLETE DRILLING PLAN							
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGREE	EMENT (IF FEE SURF	ACE) FOR	FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)				TOPOGRAPHICAL MAP							
NAME Mandie Crozier TITLE Regulatory Tech			Гесh	PHONE 435 646-4825							
SIGNATURE DATE 10/06/2010					EMA1	<b>IL</b> mcrozier@newfield.	com				
<b>API NUMBER ASSIGNED</b> 43047513040000		APPROVAL			B	acylll					
					P	ermit Manager					

API Well No: 43047513040000 Received: 10/6/2010

Proposed Hole, Casing, and Cement								
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)				
Prod	7.875	5.5	0	7835				
Pipe	Grade	Length	Weight					
	Grade J-55 LT&C	7835	15.5					

API Well No: 43047513040000 Received: 10/6/2010

Proposed Hole, Casing, and Cement								
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)				
Surf	12.25	8.625	0	300				
Pipe	Grade	Length	Weight					
	Grade J-55 ST&C	300	24.0		П			

# NEWFIELD PRODUCTION COMPANY UTE TRIBAL 9-2-4-1E NE/SE SECTION 2, T4S, R1E UINTAH COUNTY, UTAH

### TEN POINT DRILLING PROGRAM

# 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

 Uinta
 0' - 2,780'

 Green River
 2,780'

 Wasatch
 7,560'

 Proposed TD
 7,835'

# 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation (Oil) 2,780' – 7,560'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval

Flow Rate

Hardness

Water Classification (State of Utah)

Date Sampled

Temperature

pH

Dissolved Calcium (Ca) (mg/l)

Dissolved Iron (Fe) (ug/l)

Dissolved Magnesium (Mg) (mg/l)

Dissolved Bicarbonate (NaHCO<sub>3</sub>) (mg/l)

Dissolved Sulfate (SO<sub>4</sub>) (mg/l)

Dissolved Total Solids (TDS) (mg/l)

Ten Point Well Program & Thirteen Point Well Program Page 2 of 4

# 4. PROPOSED CASING PROGRAM

a. Casing Design: Ute Tribal 9-2-4-1E

Size	l li	nterval	Weight	Grade	Coupling	18 V. Y.	ors	
Size	Тор	Bottom	vveignt	Grade	Coupling	Burst	Collapse	Tension
Surface casing	0'	300'	24.0	1.55	STC	2,950	1,370	244,000
8-5/8"	0	300	24,0	,0 J-55	310	17.53	14.35	33.89
Prod casing	01	7 0051	45.5	1.55	1.70	4,810	4,040	217,000
5-1/2"	0*	7,835'	15,5	J-55	LTC	1.93	1,62	1.79

### Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: Ute Tribal 9-2-4-1E

Job	Fill	Description	Sacks ft <sup>3</sup>	OH Excess*	Weight (ppg)	Yield (ft³/sk)
Surface casing 300' Cl		Class G w/ 2% CaCl	138	30%	15.8	1.17
Surface casing	300	Class G W/ 2% CaCl	161	30 /6	15.0	41.17
Prod casing	5.835'	Prem Lite II w/ 10% gel + 3%	403	30%	11.0	3.26
Lead	5,635	KCI	1314	30 /0	11.0	3.20
Prod casing	2,000'	50/50 Poz w/ 2% gel + 3%	363	30%	14.3	1.24
Tail	2,000	KCI	451	30 70	14,5	1,24

<sup>\*</sup>Actual volume pumped will be 15% over the caliper log

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

<sup>-</sup> Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours

<sup>-</sup> Compressive strength of tail cement: 2500 psi @ 24 hours

Ten Point Well Program & Thirteen Point Well Program Page 3 of 4

# 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows: The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a <u>2M</u> system, and individual components shall be operable as designed. Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well

### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to ±350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will visually monitor pit levels and flow from the well during drilling operations.

# 7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED</u>:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

### 8. TESTING, LOGGING AND CORING PROGRAMS:

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

# 'APIWellNo:43047513040000'

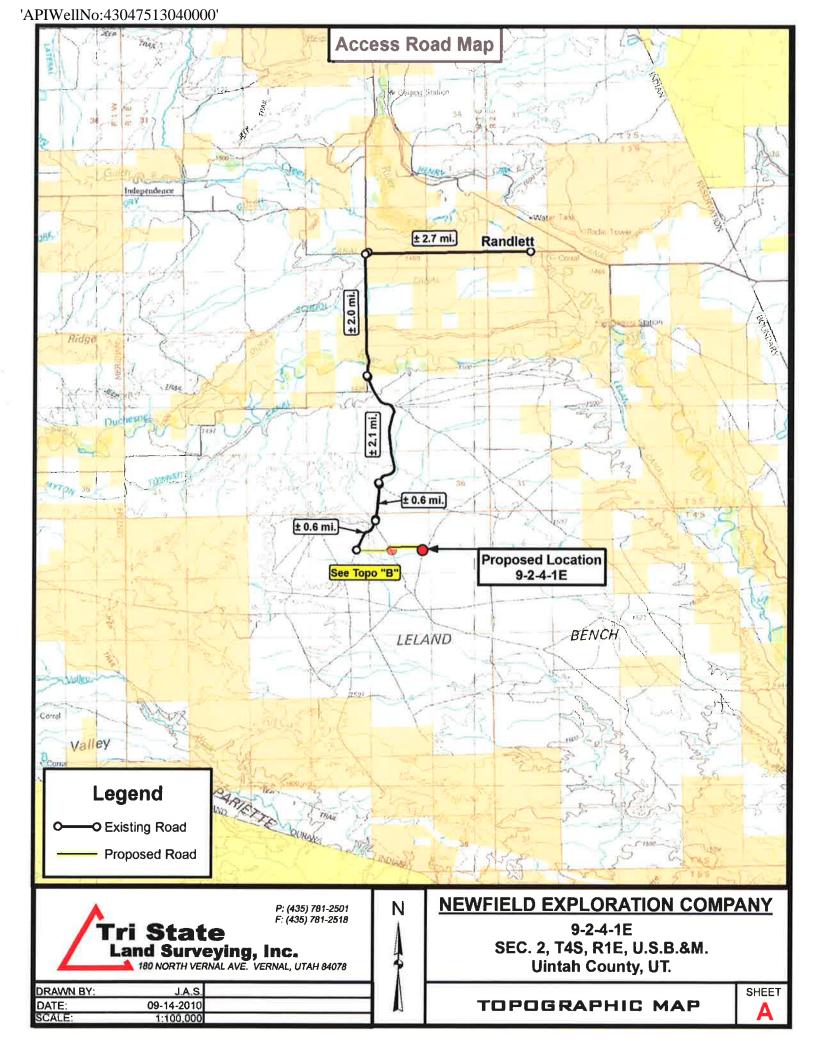
Ten Point Well Program & Thirteen Point Well Program Page 4 of 4

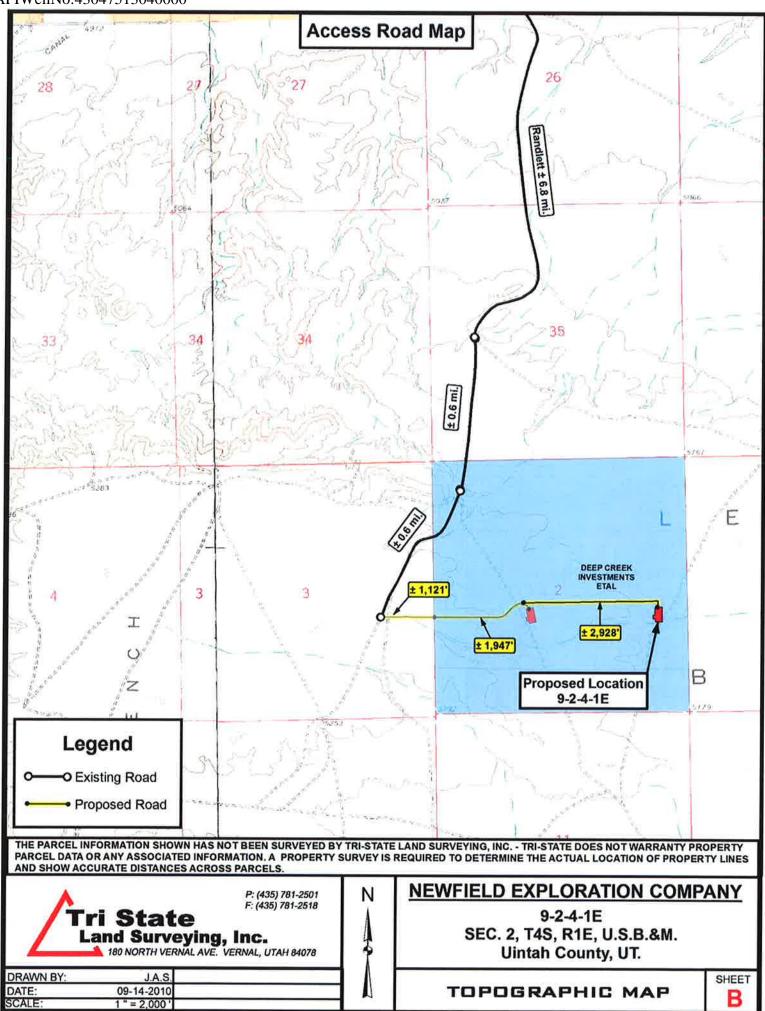
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

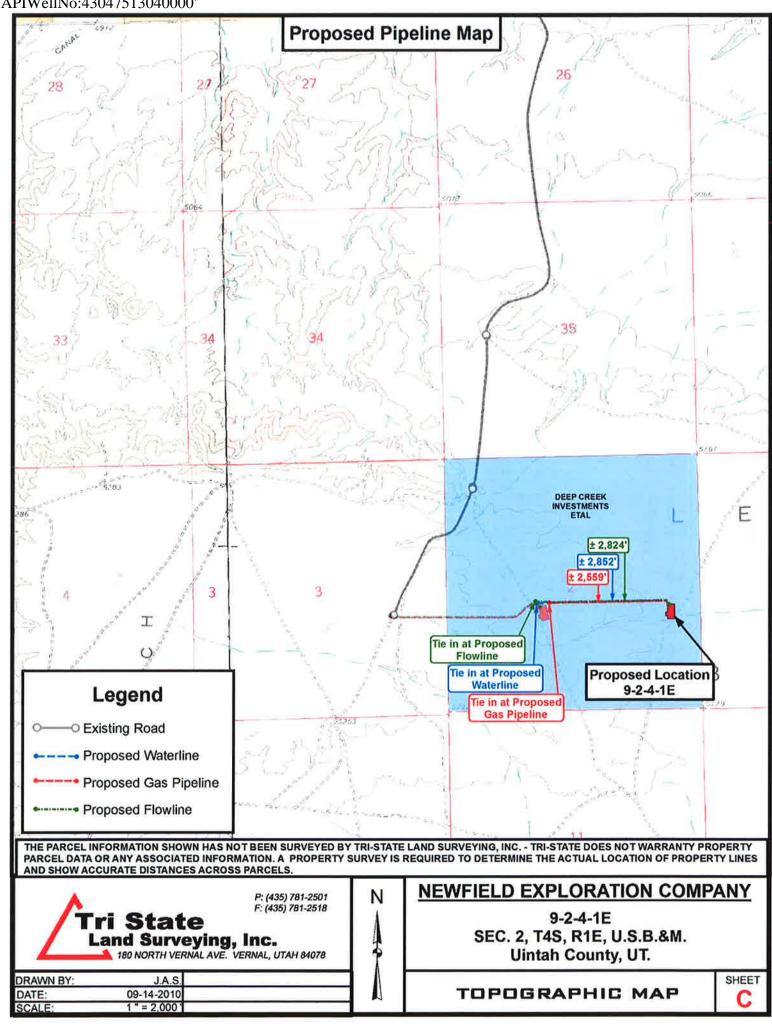
# 10. <u>ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS</u>:

It is anticipated that the drilling operations will commence the first quarter of 2011, and take approximately seven (7) days from spud to rig release.

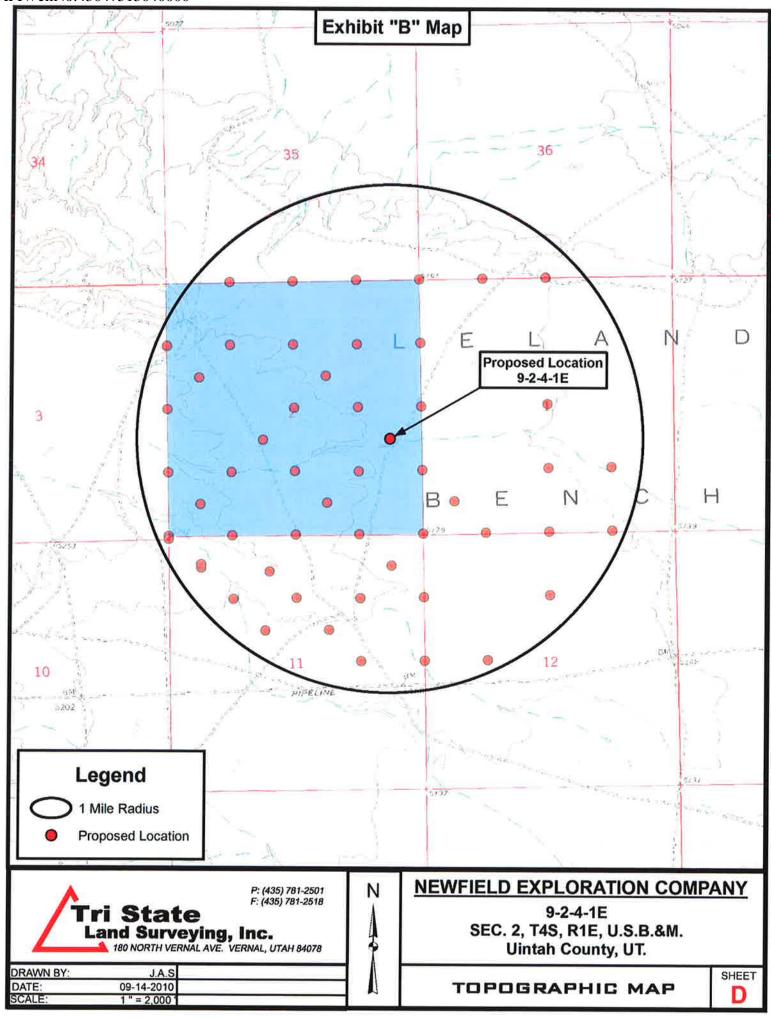
### T4S, R1E, U.S.B.&M. NEWFIELD EXPLORATION COMPANY WEST - 80.00 (G.L.O.) S88°45'35"W 588'57'48"W 588\*56'46"W S87°52'14"W WELL LOCATION, 9-2-4-1E, LOCATED 1320.02' (Meas.) 1320.73' (Meas.) 1320.72' (Meas.) 1343.58' (Meas.) AS SHOWN IN THE NE 1/4 SE 1/4 OF Set Set SECTION 2, T4S, R1E, U.S.B.&M. UINTAH Set Stone Stone Stone Stone Stone COUNTY, UTAH. S02'24'23"E 1280.58' (Meas.) NO1"2: N88'33'04"E N89'27'14"E N88'54'00"E N89°24'16"E 500, 1323.77' (Meas.) 1327.17' (Meas.) 1318.69' (Meas.) 1315.21' (Meas.) Ô Set Stone Stone Stone Stone Stone (Meas. BAR SCALE .46 (G.L.O.) 500'44'58"E 80.00 (G.L.O.) 1. Well footages are measured at right angles to the Section Lines. 2. Bearings are based on Global S89°13'51"W S8911'33"W Positioning Satellite observations. 1321.28' (Meas.) 1327.30' (Meas.) 589°09'21"W - 2646.39' (Meas.) DRILLING Set (Meas.) WNDOW Stone Stone Set Stone S01'16'E NORTH WELL LOCATION: 3,11,21,1 9-2-4-1E 662 ELEV. UNGRADED GROUND = 5178.7' THIS IS TO CERTIFY THAT THE ABOVED OF ACTO N88'39'06"E N89°45'42"E N89'05'26"E N89'10'21"E 1323.25' (Meas.) MADE BY ME OR UNDER ANY SUPERIOR THE SAME ARE TRUE AND CORRECT TO 1324.85' (Meas.) 1327.15' (Meas.) 1323.08' (Meas.) Set Set Stone Stone 979, OF MY KNOWLEDGE Stone B&INE 5.18937 Stone S00°56°22″E 1319.98′ (Meas.) Stone NO1'20' 321.68' Set Stone Stone Stone S8919'09"W S88'52'18"W S89°25'31"W S89'08'05"W TRI STATE LAND SURVEYING & CONSULTING 1337.68' (Meas.) 1314.68' (Meas.) 1331.04' (Meas.) 1324.23' (Meas.) 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 N89'48'W - 80.42 (G.L.O.) SECTION CORNERS LOCATED (435) 781-2501 9-2-4-1E DATE SURVEYED: SURVEYED BY: T.P. BASIS OF ELEV; Elevations are base on (Surface Location) NAD 83 09-04-10 LOCATION: an N.G.S. OPUS Correction. LATITUDE = 40° 09' 44.48" DATE DRAWN: DRAWN BY: F.T.M. LAT. 40°04'09.56" LONG. 110°00'43.28" 09-10-10 LONGITUDE = 109° 50' 34.22" (Tristate Aluminum Cap) Elev. 5281.57' REVISED: SCALE: 1" = 1000'







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# MEMORANDUM of EASEMENT, RIGHT-OF-WAY and SURFACE USE AGREEMENT

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 2<sup>nd</sup> day of October, 2009 by and between **Deep Creek Investments etal, Lee M. Smith, General Manager whose address is 2400 Sunnyside Avenue, Salt Lake City, UT 84108**, ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 17<sup>th</sup> Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Uintah County, Utah described as follows:

Township 4 South, Range 1 East Section 2 Section 3 S1/2

Uintah County, Utah
Being 960 acres, more or less and pertaining to the following wells:

1-2-4-1E (NENE – Sec. 2), 2-2-4-1E (NWNE – Sec. 2), 3-2-4-1E (NENW – Sec. 2), 4-2-4-1E (NWNW – Sec. 2), 5-2-4-1E (SWNW – Sec. 2), 6-2-4-1E (SENW – Sec. 2), 7-2-4-1E (SWNE – Sec. 2), 8-2-4-1E (SENE – Sec. 2), 9-2-4-1E (NESE – Sec. 2), 10-2-4-1E (NWSE – Sec. 2), 11-2-4-1E (NESW – Sec. 2), 12-2-4-1E (NWSW – Sec. 2), 13-2-4-1E (SWSW – Sec. 2), 14-2-4-1E (SESW – Sec. 2), 15-2-4-1E (SWSE – Sec. 2), 16-2-4-1E (SESE – Sec. 2), 9-3-4-1E (NESE – Sec. 3), 10-3-4-1E (NWSE – Sec. 3), 11-3-4-1E (NESW – Sec. 3), 12-3-4-1E (SWSW – Sec. 3), 14-3-4-1E (SESE – Sec. 3), 15-3-4-1E (SESE – Sec. 3).

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

# 1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated October 2<sup>nd</sup>, 2009 as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

# 2. Grant of Right of Way and Easement

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD's oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned. This agreement replaces and supersedes any and all prior agreements covering the lands described herein.

These Parties hereto have executed this document effective as of the day first above written.

Page 1 of 2

NEWFIELD PRODUCTION COMPANY

SURFACE OWNER

TATE OF UTAH )
COUNTY OF Salt Lake )
This instrument was acknowledged before me this day of day of, 2009 by Lee M. mith, Deep Creek Investments, etal, General Manager.
Witness my hand and official seal.
My commission expires 9/8/2013  TIM EATON  NOTARY PUBLIC STATE OF UTAH  COMMISSION# 580019
TATE OF COLORADO ) COMM. EXP. 08-08-2013
OUNTY OF DENVER )
This instrument was acknowledged before me this, 2009 by aniel W. Shewmake, as Vice President - Development of Newfield Production Company, a Texas or poration, on behalf of the corporation.  Witness my hand and official seal.
Notary Public
ly commission expires

# NEWFIELD PRODUCTION COMPANY UTE TRIBAL 9-2-4-1E NE/SE SECTION 2, T4S, R1E UINTAH COUNTY, UTAH

# **ONSHORE ORDER NO. 1**

# MULTI-POINT SURFACE USE & OPERATIONS PLAN

### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ute Tribal 9-2-4-1E located in the NE 1/4 SE 1/4 Section 2, T4S, R1E, Uintah County, Utah:

Proceed in a westerly direction out of Randlett, approximately 2.7 miles to it's junction with an existing road to the south; proceed in a southerly direction approximately 5.3 miles to it's junction with the beginning of the proposed access road to the east; proceed in a easterly direction along the proposed access road approximately 5996' to the proposed well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

### 2. PLANNED ACCESS ROAD

Approximately 5996' of access road is proposed for the proposed well. See attached **Topographic Map "B"**.

The proposed access road will be an 20' crown road (10' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

### 3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

# 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

# 5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District Water Right: 43-10136

Maurice Harvey Pond Water Right: 47-1358

Neil Moon Pond

Water Right: 43-11787

Newfield Collector Well

Water Right: 41-1817 (A30414DVA, contracted with the Duchesne County Conservancy

District).

There will be no water well drilled at this site.

### 6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

# 7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

# 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future

# 9. WELL SITE LAYOUT

See attached Location Layout Sheet.

### **Fencing Requirements**

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

# 10. PLANS FOR RESTORATION OF SURFACE:

### a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

# b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. <u>SURFACE OWNERSHIP</u> – Deep Creek Investments etal. See attached Memorandum of Surface Use Agreement and Easement ROW..

### 12. OTHER ADDITIONAL INFORMATION

The Archaeological and Paleontological Reports will be forthcoming.

Newfield Production Company requests 5996' of planned access road to be granted. **Refer to Topographic Map "B".** Newfield Production Company requests 2559' of surface gas line to be granted. Newfield Production Company requests 2852' of buried water line to be granted.

It is proposed that the disturbed area will be 60' wide to allow for construction of the proposed access road, a 10" or smaller gas gathering line, a 4" poly fuel gas line, a buried 10" steel water injection line, a buried 3" poly water return line, and a and a 14" surface flow line. The planned access road will consist of a 20' permanent running surface (10' either side of the centerline) crowned and ditched in order to handle any run-off from any precipitation events that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be turnouts as needed along this road to allow for increases in potential traffic issues. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Both the proposed surface gas and buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface gas pipelines will be installed on the same side of the road as existing gas lines. The construction phase of the planned access road, proposed gas lines and proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice 3160-5 form will be applied for through the Bureau of Land Management field office.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

### **Surface Flow Line**

Newfield requests 2824' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "D"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

<u>Clearing and Grading</u>: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing

roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

<u>Installation</u>: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

<u>Termination and Final Reclamation:</u> After abandonment of the associated production facilities, the flow lines will be cut and removed, and any incidental surface disturbance reclaimed. Reclamation procedures will follow those outlined in the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

### Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

# **Additional Surface Stipulations**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

### Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Ute Tribal 9-2-4-1E, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Ute Tribal 9-2-4-1E, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office as well as the Ute Tribe Energy and Mineral Department shall be notified upon site completion prior to moving on the drilling rig.

### 13. LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:

Representative

Name:

Tim Eaton

# 'APIWellNo:43047513040000'

Address:

Newfield Production Company

Route 3, Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

# Certification

Please be advised that Newfield Production Company is considered to be the operator of well #9-2-4-1E, NE/SE Section 2, T4S, R1E, Uintah County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage for this well is covered by the Bureau of Indian Affairs Bond #RLB0010462.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

10/6/10

Date

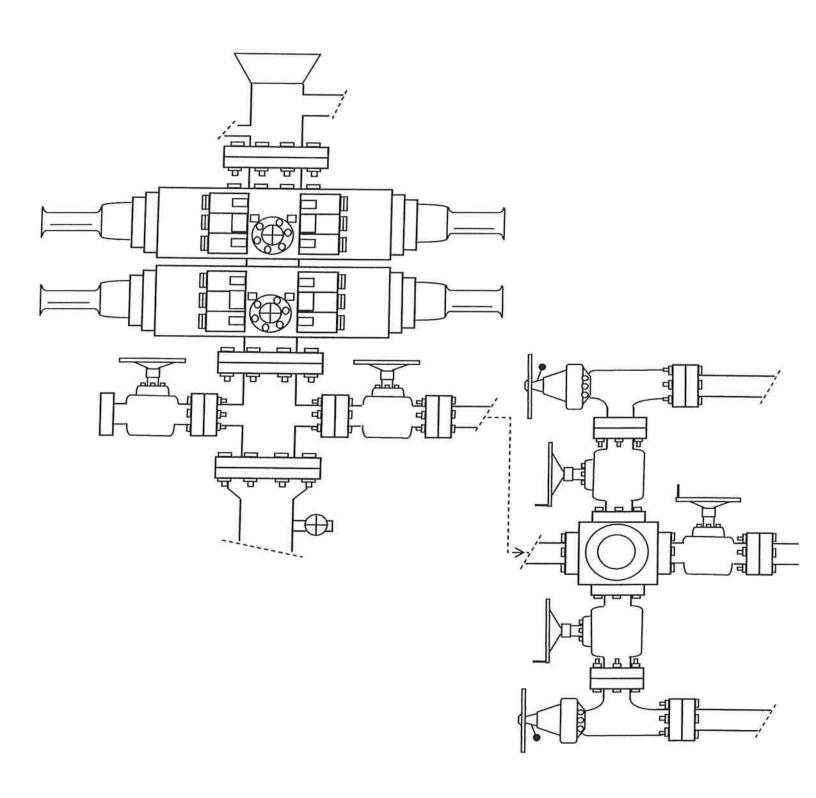
Mandie Crozier

Regulatory Specialist

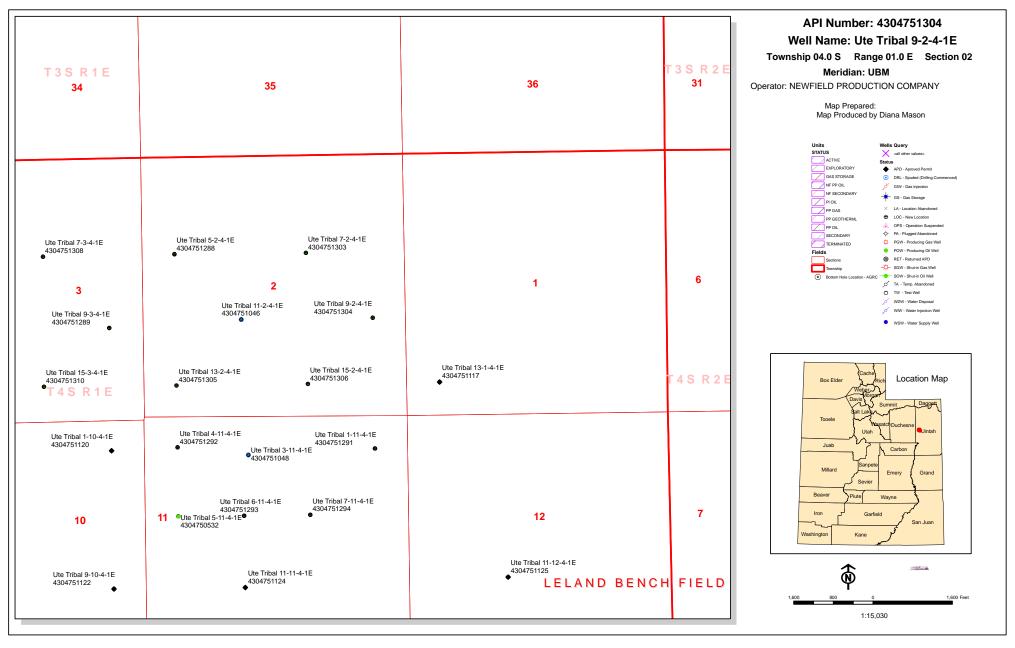
Newfield Production Company

# 2-M SYSTEM

Blowout Prevention Equipment Systems



**EXHIBIT C** 



# **ON-SITE PREDRILL EVALUATION**

# Utah Division of Oil, Gas and Mining

**Operator** NEWFIELD PRODUCTION COMPANY

Well Name Ute Tribal 9-2-4-1E

API Number 43047513040000 APD No 3049 Field/Unit WILDCAT

**Location: 1/4,1/4** NESE **Sec** 2 **Tw** 4.0S **Rng** 1.0E 1979 FSL 662 FEL

**GPS Coord (UTM)** 598605 4446215 **Surface Owner** Deep Creek Investments

# **Participants**

See other comments.

# Regional/Local Setting & Topography

The general area is on Leland Bench, which is located about 10 miles southwest of Fort Duchesne, Uintah County, Utah. Broad flats with low growing desert shrub type vegetation characterize the area. A few rolling hills and slopes leading to higher flats occur. No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 7 miles to the east. All lands in the immediate area are privately owned. Solid blocks or scattered Ute Tribal lands surround the area.

Access to the proposed well site is by State of Utah or Uintah County roads and existing or proposed oilfield development roads. Distance from Randlett, Utah is approximately 8.0 miles. Approximately 2,928 feet new road will be constructed to reach this location.

The proposed Ute Tribal 9-2-4-1E oil well is oriented in a north to south direction on a flat area with slight slope to the northeast. Only light excavation will be needed to construct the pad. A small swale exists to the southwest. The location is within the normal drilling window and appears to be a good site for constructing a pad, drilling and operating a well.

Deep Creek Investments own the surface.

# **Surface Use Plan**

**Current Surface Use** 

Grazing Recreational Wildlfe Habitat

New Road Miles Well Pad Src Const Material Surface Formation

0.6 Width 204 Length 305 Onsite UNTA

**Ancillary Facilities** N

# Waste Management Plan Adequate?

# **Environmental Parameters**

Affected Floodplains and/or Wetlands N

Flora / Fauna

10/28/2010 Page 1

The vegetation on Leland Bench is a desert shrub/forb type. Similar species are common throughout the area. Principal species are shadscale, bud sage, winter fat, horsebrush, broom snakeweed, Indian ricegrass, needle and thread grass, curly mesquite grass, scarlet globe mallow, matt and Gardiner saltbrush, hordeum jabutum and annual mustards. A few occurrences of cheat grass, rabbit brush, buckwheat and other species occur but are not common. Overall vegetation is fair to good. Impacts from past and current grazing do not exist.

Because of the lack of water and cover the area is not rich in fauna. Species include antelope, coyotes and small mammals and rodents. Some shrub dependent birds may occur but were not observed. Historically, but not currently, sheep and wild horses grazed the area. Light winter cattle grazing currently exist.

# **Soil Type and Characteristics**

Soils are a deep sandy loam with some gravel.

**Erosion Issues** N

**Sedimentation Issues** N

Site Stability Issues N

**Drainage Diverson Required?** N

Berm Required? Y

**Erosion Sedimentation Control Required?** N

Paleo Survey Run? Y Paleo Potental Observed? N Cultural Survey Run? Y Cultural Resources? N

# **Reserve Pit**

Site-Specific Factors	Site Ra	anking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	300 to 1320	10	
<b>Native Soil Type</b>	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
<b>Annual Precipitation (inches)</b>		0	
<b>Affected Populations</b>			
<b>Presence Nearby Utility Conduits</b>	Not Present	0	
	<b>Final Score</b>	30	1 Sensitivity Level

# **Characteristics / Requirements**

A 40' x 80' x 8' deep reserve pit is planned in a cut on the southwest corner of the location. A liner with a minimum thickness of 16-mils is required. A sub-liner may not be needed because of the lack of rock in the area.

Closed Loop Mud Required? N Liner Required? Liner Thickness 16 Pit Underlayment Required? Y

# **Other Observations / Comments**

10/28/2010 Page 2

Floyd Bartlett (DOGM), Tim Eaton, (Newfield Production Co.), Corie Miller (Tri-State Land Surveying), Christine Cimiluca and Janna Simonsen (BLM), Matt Crazier and Marsha Perry, (Uintah County Planning and Zoning) and Alan Smith Land Owner or representing the Land Owners)

ATV's were used to access the site.

Floyd Bartlett 10/12/2010 **Evaluator Date / Time** 

10/28/2010 Page 3

10/28/2010

# **Application for Permit to Drill Statement of Basis**

Utah Division of Oil, Gas and Mining

APD No API WellNo Status Well Type Surf Owner CBM
3049 43047513040000 LOCKED OW P No
Operator NEWFIELD PRODUCTION COMPANY Surface Owner-APD Deep Creek Investments

Well Name Ute Tribal 9-2-4-1E Unit

Field WILDCAT Type of Work DRILL

**Location** NESE 2 4S 1E U 1979 FSL 662 FEL GPS Coord (UTM) 598603E 4446211N

# **Geologic Statement of Basis**

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill 10/26/2010 **APD Evaluator Date / Time** 

## **Surface Statement of Basis**

The general area is on Leland Bench, which is located about 10 miles southwest of Fort Duchesne, Uintah County, Utah. Broad flats with low growing desert shrub type vegetation characterize the area. A few rolling hills and slopes leading to higher flats occur. No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 7 miles to the east. All lands in the immediate area are privately owned. Solid blocks or scattered Ute Tribal lands surround the area.

Access to the proposed well site is by State of Utah or Uintah County roads and existing or proposed oilfield development roads. Distance from Randlett, Utah is approximately 8.0 miles. Approximately 2,928 feet new road will be constructed to reach this location.

The proposed Ute Tribal 9-2-4-1E oil well is oriented in a north to south direction on a flat area with slight slope to the northeast. Only light excavation will be needed to construct the pad. A small swale exists to the southwest. The location is within the normal drilling window and appears to be a good site for constructing a pad, drilling and operating a well.

Deep Creek Investments own the surface. Mr. Alan Smith, a partner in the company, attended the pre-site evaluation. He had no corners regarding the proposal. A surface use agreement has been completed.

The minerals are owned by the United States Government and held in trust for the Ute Indian Tribe. Ms. Christine Cimiluca and Ms. Janna Simonsen of the BLM, who acts for the Ute Indian Tribe, attended the pre-site evaluation. They had no concerns regarding the location as planned.

Uintah County has recently passed a new ordinance to regulate extraction industries. This ordinance requires a conditional use permit for all oil or gas wells in areas not zoned as industrial. Newfield will be required to obtain a permit for this and other wells on Leland Bench except for a small area which is zoned light industrial.

Floyd Bartlett 10/12/2010
Onsite Evaluator Date / Time

### Conditions of Approval / Application for Permit to Drill

**Category** Condition

Pits A synthetic liner with a minimum thickness of 16 mils with a felt subliner as needed shall be properly installed and

maintained in the reserve pit.

Surface The well site shall be bermed to prevent fluids from leaving the pad.

Page 1

# **Application for Permit to Drill Statement of Basis**

Utah Division of Oil, Gas and Mining

Page 2

Surface

10/28/2010

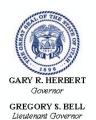
The reserve pit shall be fenced upon completion of drilling operations.

# WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 10/6/2010 **API NO. ASSIGNED:** 43047513040000 WELL NAME: Ute Tribal 9-2-4-1E **OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825 **CONTACT:** Mandie Crozier PROPOSED LOCATION: NESE 02 040S 010E **Permit Tech Review: SURFACE: 1979 FSL 0662 FEL Engineering Review: BOTTOM:** 1979 FSL 0662 FEL Geology Review: **COUNTY: UINTAH LATITUDE: 40.16237 LONGITUDE:** -109.84215 UTM SURF EASTINGS: 598603.00 **NORTHINGS:** 4446211.00 FIELD NAME: WILDCAT LEASE TYPE: 2 - Indian **LEASE NUMBER: 20G0005609** PROPOSED PRODUCING FORMATION(S): GREEN RIVER SURFACE OWNER: 4 - Fee **COALBED METHANE: NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING:**  PLAT R649-2-3. Bond: INDIAN - RLB0010462 Unit: **Potash** R649-3-2. General Oil Shale 190-5 R649-3-3. Exception Oil Shale 190-3 Oil Shale 190-13 **Drilling Unit** Board Cause No: R649-3-2 Water Permit: 437478 RDCC Review: 2010-10-26 00:00:00.0 **Effective Date: ✓** Fee Surface Agreement Siting: **Intent to Commingle** R649-3-11. Directional Drill **Commingling Approved Comments:** Presite Completed

4 - Federal Approval - dmason 5 - Statement of Basis - bhill 21 - RDCC - dmason 23 - Spacing - dmason Stipulations:

API Well No: 43047513040000



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

# Permit To Drill

\*\*\*\*\*\*

Well Name: Ute Tribal 9-2-4-1E
API Well Number: 43047513040000
Lease Number: 2OG0005609
Surface Owner: FEE (PRIVATE)

**Approval Date:** 10/28/2010

### Issued to:

NEWFIELD PRODUCTION COMPANY, Rt 3 Box 3630, Myton, UT 84052

# **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

# General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

API Well No: 43047513040000

# **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

# **Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

**Approved By:** 

For John Rogers Associate Director, Oil & Gas

Form 3160-3 FORM APPROVED (August 2007) OMB No. 1004-0137 Expires July 31, 2010 UNITED STATES Lease Serial No. DEPARTMENT OF THE INTERIOR 2OG0005609 BUREAU OF LAND MANAGEMENT If Indian, Allotee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7. If Unit or CA Agreement, Name and No. **V** DRILL la. Type of work: REENTER 8. Lease Name and Well No. Gas Well Other lb. Type of Well: ✓ Oil Well ✓ Single Zone Multiple Zone Ute Tribal 9-2-4-1E Name of Operator 9. API Well No. **Newfield Production Company** 43.047· 3a. Address 10. Field and Pool, or Explorator 3b. Phone No. (include area code) Route #3 Box 3630, Myton UT 84052 (435) 646-3721 Undesignated Location of Well (Report location clearly and in accordance with any State requirements.\*) 11. Sec., T. R. M. or Blk. and Survey or Area At surface NE/SE 1979' FSL 662' FEL Sec. 2, T4S R1E At proposed prod. zone 14. Distance in miles and direction from nearest town or post office\* 12. County or Parish 13. State Approximately 9.1 miles southwest of Randlett, UT Uintah UT Distance from proposed\* 16. No. of acres in lease 17. Spacing Unit dedicated to this well location to nearest property or lease line, ft. Approx. 662' f/lse, NA' f/unit (Also to nearest drig. unit line, if any) NA 40 Acres Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. 19. Proposed Depth 20. BLM/BIA Bond No. on file Approx. 2643' 7.835 RLB0010462 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start\* Estimated duration 5179' GL (7) days from SPUD to rig release 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: 1. Well plat certified by a registered surveyor. Bond to cover the operations unless covered by an existing bond on file (see 2. A Drilling Plan. Item 20 above). 3. A Surface Use Plan (if the location is on National Forest System Lands, the Operator certification SUPO must be filed with the appropriate Forest Service Office). Such other site specific information and/or plans as may be required by the 25. Signature Name (Printed/Typed) Mandie Crozier Title Regulatory Specialist Approved by Signature

Name articles H. Sparger

Date JAN 2 9 2011

Acting Assistant Field Manager Lands & Mineral Resources Office VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

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\*(Instructions on page 2)

DOGN DIV. OF OIL, GAS & MINING

OCT U & 2010AFMSS#10550452A

BLM VERNAL, UTAH



# UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East

**VERNAL, UT 84078** 

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No: API No:

**Newfield Production Company** 

Ute Tribal 9-2-4-1E

43-047-51304

Location: Lease No:

NESE, Sec. 2, T4S R1E

2OG0005609

**Agreement:** 

N/A

OFFICE NUMBER:

(435) 781-4400

**OFFICE FAX NUMBER:** 

(435) 781-3420

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

# **NOTIFICATION REQUIREMENTS**

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	<ul> <li>Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy &amp; Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.</li> </ul>
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut vn opreport@blm.gov.
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 7 Well: Ute Tribal 9-2-4-1E 1/27/2011

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be installed and maintained in the reserve pit.
- Any deviation from submitted APD's and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All permanent surface equipment (meaning on site for six months or longer) will be painted Covert Green to match the surrounding landscape color unless otherwise authorized. This would include all facilities except those required to comply with Occupational Safety and Health Act (OSHA) regulations.
- Reclamation will be completed in accordance with the recontouring and reseeding procedures
  outlined in the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan
  on file with the Vernal Field Office of the BLM, unless otherwise specified by the private surface
  owner.

Page 3 of 7 Well: Ute Tribal 9-2-4-1E 1/27/2011

# DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

# SITE SPECIFIC DOWNHOLE COAs:

 Newfield Production Co. shall comply with all aplicable requirements in the SOP (version: "Ute Tribal Green River Development Program", April 17, 2008). The operator shall also comply with applicable laws and regulations; with lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

# DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth

Page 4 of 7 Well: Ute Tribal 9-2-4-1E 1/27/2011

(from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 7 Well: Ute Tribal 9-2-4-1E 1/27/2011

#### **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at <u>www.ONRR.gov</u>.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and

Page 6 of 7 Well: Ute Tribal 9-2-4-1E 1/27/2011

Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent

Page 7 of 7 Well: Ute Tribal 9-2-4-1E 1/27/2011

Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

### BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 26 Submitted By Cheyenne Bateman Phone Number 435-823-2419 Well Name/Number Ute Tribal 9-2-4-1E Otr/Otr NE/SE Section 2 Township 4S Range 1E Lease Serial Number 20G0005609 API Number 43-047-51304 <u>Spud Notice</u> – Spud is the initial spudding of the well, not drilling out below a casing string. Date/Time 3/4/2011 8:00 AM  $\bowtie$  PM  $\bowtie$ Casing – Please report time casing run starts, not cementing times. Surface Casing **Intermediate Casing Production Casing** Liner Other Date/Time <u>3/4/2011</u> <u>2:00PM</u> AM ☐ PM ☒ **BOPE** Initial BOPE test at surface casing point BOPE test at intermediate casing point 30 day BOPE test Other Date/Time \_\_\_\_\_ AM PM Remarks

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630

MYTON, UT 84052

OPERATOR ACCT. NO. N2695

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NOTE: Use COMMENT section to explain why each Action Code was selected.

C - 'rom one existing entity to another existing entity

0 - well from one existing entity to a new entity
 E - ther (explain in comments section)

**RECEIVED** 

MAR 0 8 2011

Signature/ Production Clerk

03/08/11

FORM 3160-5 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM API	PROVED
OMB No. 1	1004-0137
Expires: Jul	y 31,2010

	BUREAU OF LAND MANA	AGEMENT		Aprico. July 31,2010		
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abandoned w	o. If Indian, Anot					
SUBMIT IN	N TRIPLICATE - Other	7. If Unit or CA/A	greement, Name and/or			
Type of Well  Oil Well Gas Well	Other		O XXX.11 XX	T Y		
Name of Operator	- Ouici	8. Well Name and UTE TRIBAL 9				
NEWFIELD PRODUCTION CO	OMPANY		9. API Well No.	2 1 10		
a. Address Route 3 Box 3630		3b. Phone (include ar				
Myton, UT 84052	annana canag zamen - maka - popikayan opa- 273 274 - maka - maka	435,646,3721		l, or Exploratory Area		
Location of Well (Footage,	Sec., T., R., M., or Survey Descri	iption)	MYTON-TRIBA	AL EDA		
			11. County or Par	ish, State		
NESE Section 2 T4S R1E			UINTAH, UT			
12. CHEC	K APPROPRIATE BOX(I	ES) TO INIDICATE N	ATURE OF NOTICE, OR OT	HER DATA		
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Notice of Intent	Alter Casing	Fracture Treat	Reclamation	Well Integrity		
Subsequent Report	Casing Repair	New Construction	Recomplete	☑ Other		
<u> </u>	Change Plans	Plug & Abandon	Temporarily Abandon	Spud Notice		
Final Abandonment	Convert to Injector	Plug Back	Water Disposal			
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ertify that the applicant holds legal or e	ched. Approval of this notice does not	warrant or		8.		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction (Instructions on page 2)

which would entitle the applicant to conduct operations thereon.

#### **NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

			8 5/8"	CASING SET AT	<u> </u>	312.84	•		
LAST CASING	14"	SET AT	18		OPERATO	R	Newfield	Exploration	Company
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3/9/2011

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COMPANY REP	PRESENTA	TIVE Cheyenne	Bateman	DATE	3/9/2011

		5. LEASE DESIGNATION AND SERIAL NUMBER:							
	6	MON BUTTE EDA 20G0005609  IF INDIAN, ALLOTTEE OR TRIBE NAME:							
SUNDRY	SUNDRY NOTICES AND REPORTS ON WELLS								
	ll new wells, significantly deepen existing wells be al laterals. Use APPLICATION FOR PERMIT TO		i, reenter plugged	UNIT or CA AGREEMENT NAME:					
1. TYPE OF WELL: OIL WELL	GAS WELL OTHER			WELL NAME and NUMBER: JTE TRIBAL 9-2-4-1E					
2. NAME OF OPERATOR:				API NUMBER:					
NEWFIELD PRODUCTION COM  3. ADDRESS OF OPERATOR:	PANY	PHONE 1		304751304 D. FIELD AND POOL, OR WILDCAT:					
Route 3 Box 3630	CITY Myton STATE UT	ZIP 84052 435.64		MYTON-TRIBAL EDA					
4. LOCATION OF WELL:		•							
FOOTAGES AT SURFACE:			C	COUNTY: UINTAH					
OTR/OTR. SECTION. TOWNSHIP, RANGE.	MERIDIAN: NESE, 2, T4S, R1E		s	TATE: UT					
11. CHECK APPROD	PRIATE BOXES TO INDICATI	E NATURE OF NO	TICE REPOR	T OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF		1, OK OTTEK DITTI					
_	☐ ACIDIZE	DEEPEN	ACTION I	REPERFORATE CURRENT FORMATION					
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT		SIDETRACK TO REPAIR WELL					
• •	CASING REPAIR	NEW CONSTRUCTION	ı İ	TEMPORARITLY ABANDON					
Approximate date work will	CHANGE TO PREVIOUS PLANS	ı İ	TUBING REPAIR						
	CHANGE TUBING	OPERATOR CHANGE  PLUG AND ABANDON	i 1	VENT OR FLAIR					
X SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	ı İ	WATER DISPOSAL					
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START	STOP)	WATER SHUT-OFF					
Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WI		OTHER: - Weekly Status Report					
04/14/2011	CONVERT WELL TYPE	RECOMPLETE - DIFFE	•	X OTHER Weekly Status Report					
	MPLETED OPERATIONS. Clearly show a	•		mes, etc.					
The above subject well was	s completed on 04-14-11, attached i	is a daily completion s	tatus report.						
, t									
	`)								

(This space for State use only)

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

RECEIVED
APR 2 5 2011

TITLE Administrative Assistant

DATE 04/15/2011

#### **Daily Activity Report**

## Format For Sundry UTE TRIBAL 9-2-4-1E 2/1/2011 To 6/30/2011

#### 4/4/2011 Day: 1

Completion

Nabors #1608 on 4/4/2011 - Unload tbg. MIRU. TIH w/ tbg. Drlg out DV tool. - RU Cameron BOP's. MIRUSU. RU 4-3/4" rock bit & x-over sub. Tally, drift & pickup new J-55, 2-7/8", 6.5#, 8EUE tbg to 2640'. RU swivel, pump & tanks. Drlg out DV tool in 1.5 hours. TIH w/ tbg to tag cement @ 5723'. SIFN.

Daily Cost: \$0

**Cumulative Cost:** \$56,320

#### 4/6/2011 Day: 2

Completion

Nabors #1608 on 4/6/2011 - Drlg out cement. TOOH w/ tbg for bit change. - RU swivel, pump & tanks. Drlg out 8 jts cement in 4 hours (299'). TOOH w/ tbg. TIH w/ 4-3/4" blade bit. Drlg out 158' cement in 3 hours (6180'). SIFN.

Daily Cost: \$0

**Cumulative Cost:** \$64,381

#### 4/7/2011 Day: 3

Completion

Nabors #1608 on 4/7/2011 - Continue drlg cement. - RU drlg equipment. Continue drlg cement @ 60' per hour. 7154' EOT. SIFN.

Daily Cost: \$0

**Cumulative Cost:** \$77,953

#### 4/8/2011 Day: 4

Completion

Nabors #1608 on 4/8/2011 - Continue drlg out cement. TOOH w/ tbg. TIH w/ string mill. - RU drlg equipment. Continue drlg out 8 jts tbg. Circulate well clean @ 7466'. TOOH w/ tbg. LD bit & x-over sub. RU string mill(4.825"). TIH @ work threw DV tool w/ swivel @ 2640'. TOOH w/ tbg. RU Bit & scraper. TIH to 7466'. Circulate well clean. TOOH w/ tbg, leave EOT @ 6526.

Daily Cost: \$0

**Cumulative Cost: \$86,095** 

#### 4/9/2011 Day: 5

Completion

Nabors #1608 on 4/9/2011 - TOOH with tubing and scraper. Rigged up Perforators WLT with lubricator. Ran CBL under pressure. WLTD was 7473' with TOC at 360'. Cement drop below DV tool was 120'. Perforated CP3 sands and SWIFN. - Crew travel and safety meeting. Trip out of hole with 207 joints 2-7/8" tubing and lay down bit and scraper. Rig down work floor. Nipple down rig BOPs and nipple up Weatherford BOPs. Rig up Heat Waves hot oiler and test casing, tubing head, and BOP to 4500 psi. Rig up Perforators WLT with lubricator. Run CBL under pressure. WLTD was 7473' with TOC at 360'. Cement drop below DV tool was 120'. Run in hole with 3-1/8" ported guns and perforate CP3 sands as shown in perforation report. Rig down WLT and hot oiler. SIWFN with 178 BWTR.

Daily Cost: \$0

**Cumulative Cost:** \$110,404

#### 4/11/2011 Day: 6

Completion

Nabors #1608 on 4/11/2011 - Frac well. Flow well back. - Stage #3: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 6520'. Perferate D1/DS1 sds w/ 3 spf for total of 24 shots. RU BJ & open well w/ 1365 psi on casing. Perfs broke down @ 1974 psi back to 1790 psi w/ 5 bbls @ 7 bpm. Frac w/ 30,454#'s of sand in 403 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2643 w/ ave rate of 27 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2143 w/ .77FG. 5 min was 2143. 10 min was 2079. 15 min was 1956. Leave pressure on well. 1547 bbls EWTR. - Stage #4: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 5876'. Perferate GB2 sds w/ 3 spf for total of 12 shots. RU BJ & open well w/ 1400 psi on casing. Perfs broke down @ 2945 psi back to 1490 psi w/ 2 bbls @ 3 bpm. Frac w/ 17,524#'s of sand in 306 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2663 w/ ave rate of 27 bpm w/ 6 ppg of sand. ISIP was 1752 w/ .74FG. 5 min was 1491. 10 min was 1461. 15 min was 1448. 1853 bbls EWTR. RD BJU & WLT. Flow well back. Well flowed for 3 hours & died w/ 420 bbls rec'd. RD Cameron BOP's. Instal Schefer BOP's. RIH w/ 4-3/4" Chomp Mill & x-over sub, 61 jts tbg to leave EOT @ 1930'. SIFN. - Stage #1: RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 95 psi on casing. Perfs broke down @ 2234 psi back to 1552 psi w/ 3 bbls @ 3 bpm. ISIP was 1485 w/ .64FG. 1 min was 1372. 4 min was 1281. Pump 6 bbls of 15% HCL acid (rec'd 100 psi drop when hit perfs). Frac w/ 36,011#'s of sand in 512 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2337 w/ ave rate of 27 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2167 w/ .73FG. 5 min was 1871. 10 min was 1772. 15 min was 1723. Leave pressure on well. 690 bbls EWTR. - Stage #2: RU Perforators LLC WLT & lubricator. RIH w/ 5-1/2" (6K) WCS flow through frac plug & perf guns. Set plug @ 6700'. Perferate D3 sds w/ 3 spf for total of 24 shots. RU BJ & open well w/ 1270 psi on casing. Perfs broke down @ 1377 psi back to 1352 psi w/ 2 bbls @ 4 bpm. Frac w/ 45,690#'s of sand in 454 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1810 w/ ave rate of 27 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1844 w/ .71FG. 5 min was 1545. 10 min was 1477. 15 min was 1457. Leave pressure on well. 1144 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$207,721

#### 4/12/2011 Day: 7

Completion

Nabors #1608 on 4/12/2011 - TIH w/ tbg drlg out plugs. C/O to btm. Swab well. - Open well w/ 50 psi on casing. Continue TIH w/ tbg. RU swivel, pump & tanks. Drlg out plug @ 5876' in 25 min. Continue TIH w/ tbg drlg out plugs. Tag fill @ 7220'(246'). C/O to 7466'. LD 4 jts tbg. RU swab equipment. Made 19 runs & rec'd 200 bbls fluid. FFL was 1400'. Last run showed water w/ no sand.

Daily Cost: \$0

**Cumulative Cost:** \$214,469

#### 4/13/2011 Day: 8

Completion

Nabors #1608 on 4/13/2011 - RIH w/ production. - Open well w/ 0 psi on casing. TIH w/ tbg to tag @ 7466'. Circulate well w/ 120 bbls. TOOH w/ tbg. LD mill & x-over sub. TIH w/ NC, 2 jts, SN, 1 jt tbg, 299- jts tbg. RD BOP's. Set TA @ 7221' w/ 18,000#'s tension w/ SN @ 7255' & EOT @ 7319'. Flush tbg w/ 120 bbls water. Pickup & prime pump. RIH w/ 2-1/2" x 1-3/4" x 21' x 24' new RHAC Cntrl Hydrlc pump w/ 224"SL, 1- 1" x 4' stabilizer, 6- 1-1/2' weight rods, 185- 3/4" guided 4per rods, 50- 7/8" guided 4per rods, 1-1/2" x 30' polish rod. w/ 828 bbls EWTR. -

Daily Cost: \$0

**Cumulative Cost:** \$223,263

4/14/2011 Day: 9

Completion

Nabors #1608 on 4/14/2011 - RIH w/ rods. POP @ 12PM. Well on pump. Final Report. - Open well w/ 0 psi on casing. Continue TIH & pump to 800 psi. RDMOSU. POP @ 12PM w/ 144"SL @ 5 spm w/ 828 bbls EWTR. Final Report. **Finalized** 

Daily Cost: \$0

**Cumulative Cost:** \$264,243

**Pertinent Files:** Go to File List



## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

5. Lease Serial No.

WELL COMPLETION	OR RECOMPLETI	ON REPORT	AND LOG
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												14-2	20-H62	-6384	
la. Type of	Well		il Well	Gas	Well		Other						,	Allottee or T	ribe Name
b. Type of Completion. Direct won Direct work over Deepen Direct Sales. Direct Country												7. Unit or CA Agreement Name and No.			
2. Name of NEWFIELI	Operator D EXPLO			ANY										ne and Well	
3. Address								. Phone No		ıde area co	de)	9. A	FI Well	No.	
	1401 17TH S			-		ance with Feder		435) 646-3	3721				047-513	304 d Pool or Ext	aloratory
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At total de												1	TAH	(DE DIT	UT
14. Date Sp 03/04/201				Date T.D <b>29/201</b> 1		d		Date Comple D & A		4/14/2011 .eady to Pro				ns (DF, RKI 5191' KB	3, RT, GL)*
18. Total De	epth: MD	7840				g Back T.D.:	MD 7473'	<del>-1</del>		20. Depth		ug Set:	MD		
21. Type E	TV		anical Log	s Run (S	ubmit cor	ov of each)	TVD			22. Was w	ell cored?		TVD	Yes (Submit	analysis)
						UTRON,GR	CALIPER, C	CMT BON	D		ST run? ional Surv	<b>☑</b> N ey? <b>☑</b> N		Yes (Submit	
23. Casing	and Liner R	Record (	(Report all	strings s	et in wel	<i>(</i> )							<u> </u>	Too (Duomite	
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7-7/8"	5-1/2" J-	-55 1	15.5#	0		7856'			169 P	RIMLITE			360'		***
				ļ						/50 POZ					
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2-7/8"		7319'	'   TA @	7220'		<del> </del>	26. Per	-famatian Da							
25. Produci	Formation			Тор		Bottom		rforation Re forated Inte			Size	No. I	Toles		Perf. Status
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B)															
C)												<u> </u>			
D)			0 10												
27. Acid, Fi	Depth Inter		Cement Sc	ueeze, ei	с.			Ar	nount a	nd Type of	Material				
5772-7246			Fr	ac w/ 1	29679#	s 20/40 sand	in 679 bbls	of Lightni	ng 17	fluid in 4	stages				
28. Product	ion Intonue	.1 A				•						•			•
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Produced		Tested	Produ	ction B	BL	MCF	BBL	Corr. API		Gravity	2	-1/2" x 1-	3/4" x 2	1' x 24' RH	IAC Pump
4/16/11	4/26/11	24			52	20	73								
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		Hours Tested	Test Produ	otion B	il BL	Gas MCF	Water BBL	Oil Gravit Corr. API		Gas Gravity		oduction M	lethod		
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Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate		il BL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Sta	atus				RECEIVE

<sup>\*(</sup>See instructions and spaces for additional data on page 2)

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	uction - Inte		hr	<b>1</b> 0:1	16	Water	Oil Gravity	Gas	Production Method	
Date First Produced		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Corr. API	Gas Gravity	Production Method	
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Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29. Dispos	sition of Gas	s (Solid, us	ed for fuel, ve	ented, etc.)			,			
SOLD AND	USED FOR	FUEL								
			(Include Aqui	fers):				31. Formati	ion (Log) Markers	
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								GARDEN GL POINT 3	JLCH 2	5673' 6018'
		,						X MRKR Y MRKR		6206' 6250'
								DOUGALS O B LIMESTON	N MRK	6413' 6873'
								CASTLE PE BASAL CAR		7119' 7453'
								WASATCH		7546'
32. Addit	ional remark	ks (include	plugging pro	cedure):		····				
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Title 18 U	S.C. Section	n 1001 and	I Title 43 U.S ements or rep	.C. Section resentation	1212, make it is as to any mat	a crime for an ter within its j	y person knowingly urisdiction.	y and willfully to	make to any department or ag	ency of the United States any

#### **Daily Activity Report**

# Format For Sundry UTE TRIBAL 9-2-4-1E 1/1/2011 To 5/30/2011

#### **UTE TRIBAL 9-2-4-1E**

**Waiting on Cement** 

**Date:** 3/11/2011

Ross #26 at 310. Days Since Spud - @ 312.84'KB. On 3/9/11 cement w/BJ w/160 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - On 3/4/11 Ross #26 spud and drilled 310' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" casing set - yield. Returned 4bbls to pit, bump plug to 449 psi, BLM and State were notified of spud via email.

Daily Cost: \$0

**Cumulative Cost:** \$75,121

#### **UTE TRIBAL 9-2-4-1E**

Drill 7 7/8" hole with fresh water

**Date:** 3/24/2011

Capstar #328 at 1350. 1 Days Since Spud - Rig up flow line, flare lines and strap BHA - tih with directional tools - drill 7 7/8" hole F/301-1350' wob-14, rpm-60, pp-1044, gpm-384 - Test BOP'S 2000 psi annular 1500 psi 10 min, casing 1500 psi 30 min - Tag cement @ 250' drill cement and shoe

Daily Cost: \$0

**Cumulative Cost:** \$100,814

#### **UTE TRIBAL 9-2-4-1E**

Drill 7 7/8" hole with mud

**Date:** 3/25/2011

Capstar #328 at 4331. 2 Days Since Spud - Rotate Drill F/ 1342' to 3108' (1766') Avg. ROP 161 fph, WOB 15-18K, SPM 408, Rot. 60 Rpm - Rotate Drill F/ 3108' to 3198' Survey 3008' 1.49 INC. - Rotate Drill F/3198' to 4331', Lost returns. - POOH L/D two singles. Pump 61 SPM LCM pills. - Pumped LCM sweeps and got full returns, RIH to BTM., pump LCM sweep. -

Service Rig Daily Cost: \$0

Cumulative Cost: \$120,112

#### **UTE TRIBAL 9-2-4-1E**

Drill 7 7/8" hole with mud

**Date:** 3/26/2011

Capstar #328 at 5962. 3 Days Since Spud - Rotate and Slide drill F/4331' to 5192' Avg ROP/75 FPH, WOB 20K, 85 SPM, ROT.60 RPM, Mud WT. 8.7 - Service Rig. BOP Drill performed - Rotate and Slide drill F/5192' to 5373', Avg ROP/92 FPH, AVG BG Gas 2500 Units - Pump LCM sweeps and Condition mud to keep up with losses. PU/126k, SO/108K, ROT/117K - ROT and Slide F/5373' to 5962', Avg ROP XX FPH, 87 SPM, WOB 15-20K, 60 Surface RPM, MUD WT 8.9 PPG

Daily Cost: \$0

Cumulative Cost: \$141,708

#### **UTE TRIBAL 9-2-4-1E**

Drill 7 7/8" hole with mud

**Date:** 3/27/2011

Capstar #328 at 7547. 4 Days Since Spud - Had 90 bbl/per hr. flow rate, shut in and monitor well, determined well was ballooning. - Rotate and slide drill F/6732' to 6930', ROT 55 RPM, WOB 16-20K, SPM 85 - Service Rig - Rotate and slide drill F/5962' to 6732', avg 67 FPH, - Rotate and slide drill F/6930' to 7547', avg 65 FPH, avg BG gas 2800, mud wt. 9.0, pump PSI 1100

Daily Cost: \$0

**Cumulative Cost:** \$161,544

#### **UTE TRIBAL 9-2-4-1E**

Logging

**Date:** 3/28/2011

Capstar #328 at 7840. 5 Days Since Spud - RUN LOGS. LOGS WENT TO BOTTOM. LOGGERS DEPTH 7845' - Decision was made to POOH L/D DP. Man on Trip Tank at all times. Hole taking correct fill. L/D BHA - Flow check well, well flowed at 85 BPH for 10 min, drop to 65, 25, 5 BPH after 40 mins. - Pump weighted pill and follow with dry job slug. - Circ and Cond mud. Build weight pill to spot up to 4400' in annulus. - Rotate and slide drill F6547' to 7840', (TD) Slowed to 80 spm pump rate due to losses. - PJSM W/LOGGERS. RIG UP LOGGING EQUIPMENT

Daily Cost: \$0

**Cumulative Cost:** \$190,746

#### **UTE TRIBAL 9-2-4-1E**

**CEMENT 5-1/2" CASING** 

**Date:** 3/29/2011

Capstar #328 at 7840. 6 Days Since Spud - DECISION WAS MADE TO INFLATE 2 STAGE PACKER AND MAKE SURE WE CAN CIRC AND DO 2 STAGE CEMENT. - CIRC WAS OBTAINED, 2ND STAGE CEMENT JOB TAKING PLACE. - 138 BBLS AWAY PRESSURE SPIKED TO 3300 (LIMIT SET AT 3300) RESET LIMIT TO 4200, SAME RESULT. - WITH 115 BBLS AWAY PSI WENT TO 1425, 127 BBLS AWAY PSI WAS AT 2600 WITH NO RETURNS, - DISPL: 70 BBLS AWAY CAUGHT CEMENT, 107 PSI AND RETURNS BACK, 72 BBLS AWAY PSI 675, - TEST LINES, PUMPING 20 BBL MUD CLEAN, 20 BBL WATER, 10 BBL DIE WATER, 169 LEAD, 121.5 TAIL. 185 DISPL - JSA AND PJSM WITH CEMENT CREW AND RIG CREW - BJ OPERATOR HAD WRONG MATERIAL FOR SPACER, HAD TO GO TO VERNAL TO GET REPLACEMENT MATERIAL -CIRC BU, PREP LOC FOR CEMENT EQUIP, RU BJ CEMENTERS, LOST RETURNS, LAND CSG AND MONITOR WELL - AFTER TAG BTM, PUMP PSI WENT 900, CAG PACKED OFF AND WAS RESTRICTED, WORKED FREE AND CIRC CONT. - RIH W/CSG, F/5260' TO 7840' P/U TAG JT AND TAG BOTTOM - RIH W/5-1/2" CASING TO 5500', MONITORING RETURNS IN ACTIVE SYSTEM. - RIG UP TOP DRIVE TO RUN CASING - HALLIBURTON TRUCK ENGINE DIED, MOVE WITH FORKLIFT SO CASING COULD BE RUN. - PJSM WITH CREWS AND RIG DOWN LOGGERS - LOG WELL WITH HALLIBURTON. LOGS WENT TO BOTTOM, NO ISSUES - BLED PSI OFF, 2 BBL BACK, TRIED ONE MORE TIME WITH SAME RESULTS. DETERMINE WE HIT A BRIDGE.

Daily Cost: \$0

Cumulative Cost: \$245,198

#### UTE TRIBAL 9-2-4-1E

Rigging down

**Date:** 3/30/2011

Capstar #328 at 7840. 7 Days Since Spud - PUMP 2ND STAGEOF CEMENT, GOOD CEMENT TO PITS, BUMP THE PLUG, 2460 PSI - NIPPLE DOWN, CLEAN PITS, PREPARE RIG FOR

MOVE, "RELEASE RIG @12:00 3/29/2011" Finalized

Daily Cost: \$0

**Cumulative Cost:** \$394,411

Pertinent Files: Go to File List